

# Work Order ID 70818

Wednesday, June 15, 2011 2:27:17 PM



Page 1

Item ID: D3535-23

Accept



Setup Start



Revision ID:

Stop



Item Name: Wearshoe

Start Date: 6/15/2011 Start Qty: 16.00



Cust Item ID:

Required Date: 6/22/2011 Req'd Qty: 16.00



Customer:

Reference:

Run Start



Approvals: Process Plan: ✓ Date: 6/15/11 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3535	Rev B								

100

0.00



FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3535 ☐ Dwg Rev: B ☐ Prog Rev: B ☐ 2-  
Deburr if necessary

B11-7-4

304 . 40

(16)

110

QC2- Inspect parts off machine-FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

B11-7-4

120

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

5/6/11

(46)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Page 2

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QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130



Brake NC

Brake NC

NC BRAKE

Memo

1-Form on Brake as per Dwg D3535 using Jigs DT8261 and DT8326 2-Form joggle as per Dwg D3535 using Jig DT8158 3-Identify as D3535-23

SB 11/07/05

16

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

S 11/07/05

16

150



Powdercoat

Powder Coating

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

Memo

START TIME:

FINISH TIME:

OVEN TEMPERATURE:

2:10

2:40

M 115128

3200F

16x 0 M 11/07/05

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Revision ID:

Stop



Item Name: Wearshoe

Start Date: 6/15/2011 Start Qty: 16.00



Cust Item ID:

Required Date: 6/22/2011 Req'd Qty: 16.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC3- Inspect Part Finish	0.00							
QC	Memo	0.00							
Quality Control									
170	Identify as per dwg & Stock Location:	0.00							
Packaging	Memo	0.00							
Packaging									
180	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

16 x 16 1/2 10/7/05

16x 16 1/2 10/7/05

11/7/06 11-07-06

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, June 15, 2011 2:27:24 PM

Page 1

Work Order ID: 70818

Parent Item: D3535-23

Parent Item Name: Wearshoe



Start Date: 6/15/2011

Required Date: 6/22/2011

Start Qty: 16.00

Required Qty: 16.00

Comments: IPP Rev:A New Issue 07-02-15 JLM  
IPP Rev:B As per Rev B 07-08-31 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S20GA		Purchased	No			100	sf	236.6630	1.3615	22.93053			



304/316 .040 Sheet



B11-7-4

Location

Loc Qty

Loc Code

MAT020

236.663

116623

0.2

117550

9.363

117933

227.1

117933

(16)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries



<b>DART AEROSPACE LTD</b>		<b>Work Order:</b>	70818
<b>Description:</b> Wearshoe		<b>Part Number:</b>	D3535-23
<b>Inspection Dwg:</b> D3535 <b>Rev:</b> B		<b>Page 1 of 1</b>	

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article      ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.885	+/-0.010	1.886	✓		V B02	
2.000	+/-0.010	2.000	✓		V	
4.750	+/-0.010	4.756	✓		T B01	
9.500	+/-0.010	9.500	✓		T	
14.250	+/-0.010	14.250	✓		T	
17.750	+/-0.010	17.750	✓		T	
23.140	+/-0.010	23.140	✓		T	
28.530	+/-0.010	28.530	✓		T	
33.920	+/-0.010	33.920	✓		T	
39.310	+/-0.010	39.310	✓		T	
44.700	+/-0.010	44.706	✓		T	
48.200	+/-0.010	48.200	✓		T	
52.850	+/-0.010	52.940	✓		T	
Ø0.188	+0.005/-0.001	.190	✓		V	
48.00	+/-0.030	48.00	✓		T	
39.00	+/-0.030	39.00	✓		T	
32.00	+/-0.030	32.00	✓		T	
24.00	+/-0.030	24.00	✓		T	
16.00	+/-0.030	16.00	✓		T	
8.00	+/-0.030	8.00	✓		T	
6.00	+/-0.030	6.00	✓		T	
0.300	+/-0.010	.304	✓		V	
0.300	+/-0.010	.306	✓		V	
0.038	+/-0.010	.035	✓		V	

<b>Measured by:</b>	B
<b>Date:</b>	11-7-4

<b>Audited by:</b>	S
<b>Date:</b>	11/07/05

<b>Prototype Approval:</b>	N/A
<b>Date:</b>	N/A

Rev	Date	Change	Revised by	Approved
A	07.11.23	New Issue	KJ/EC/DD	JD

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

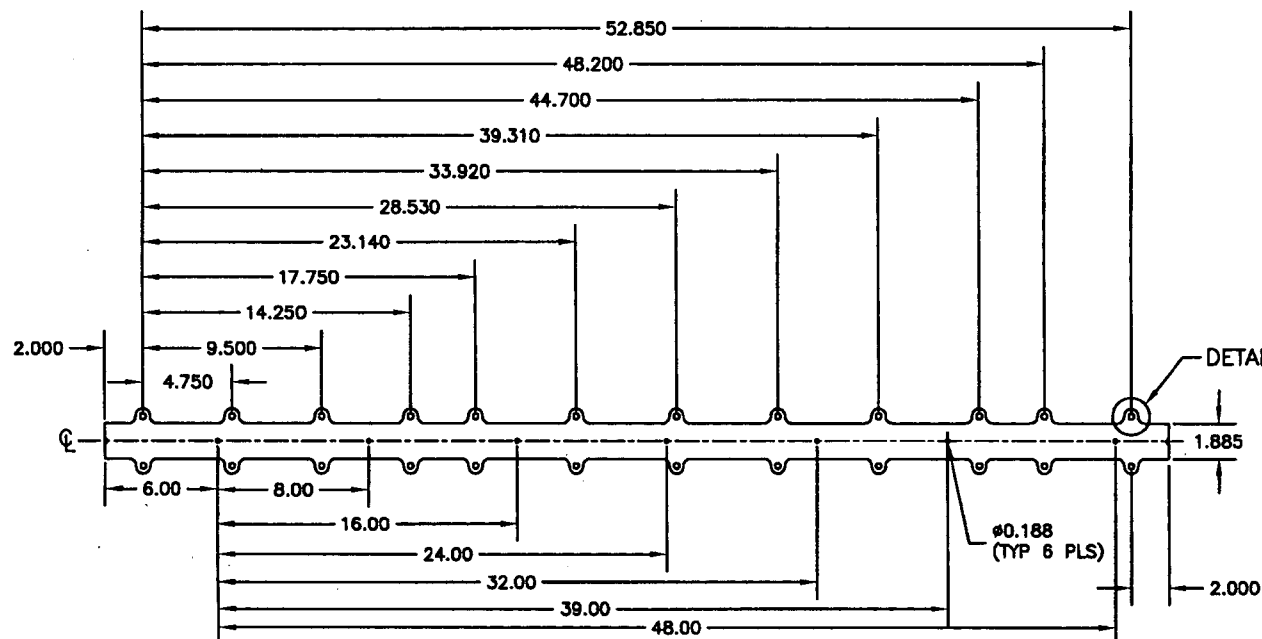
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**DART**

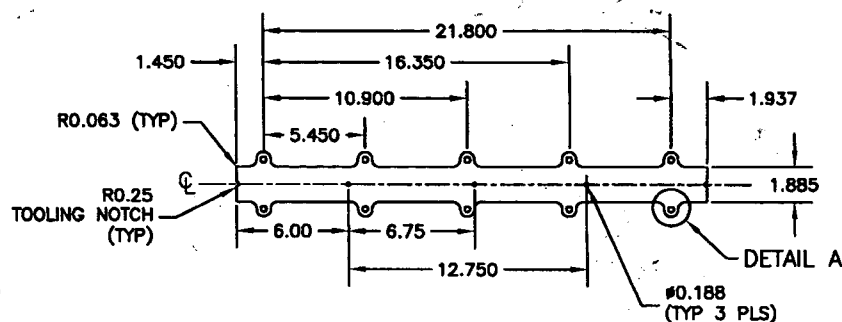
RELEASED  
07.04.24

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 70818  
21-06-15



**D3535-23F FLAT PATTERN**

**D3535-23 BEND DETAIL**



**D3535-25F FLAT PATTERN**

**D3535-25 BEND DETAIL**

**NOTES**

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
- 3) PART IS SYMMETRICAL ABOUT C
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES TO 0.010 MAX
- 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
- 8) SEE PAGE 7 FOR DETAILS AND SECTION

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.
CB	PH	PORT HADLOCK, WA
CHECKED	APPROVED	DRAWING NO.
#	#	D3535
DATE	TITLE	SHEET 3 OF 7
07.04.17	WEARSHOE	REV. B
	SCALE	1:10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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